



Select Screen

- Pilot
- Bar
- Line
- SPC
- Tape
- Tool Graphic
- Data Table
- Setpoint Table
- EZ Screen **2**
- Minicontroller
- Cavity Map Pro
- Mold Doctor®

**1**

EZ Screen

Cavity Map Pro

Alarm

Off On Stndby Boost

Mold 4582B

80 °F 400

Zone 1

Zone	Setpoint	Actual	Power	Auto Manual	Mode
Zone 1	400 F	80 F	0.0 %	Auto	○
Zone 2	400 F	81 F	0.0 %	Auto	○
Zone 3	80 F	80 F	0.0 %	Auto	○
Zone 4	79 F	79 F	0.0 %	Auto	○
Zone 5	400 F	79 F	0.0 %	Auto	○
Zone 6	400 F	80 F	0.0 %	Auto	○
Zone 7	400 F	80 F	0.0 %	Auto	○
Zone 8	400 F	80 F	0.0 %	Auto	○
Zone 9	400 F	80 F	0.0 %	Auto	○
Zone 10	400 F	79 F	0.0 %	Auto	○
Zone 11	400 F	81 F	0.0 %	Auto	○
Zone 12	400 F	81 F	0.0 %	Auto	○
Zone 13	400 F	81 F	0.0 %	Auto	○
Zone 14	400 F	81 F	0.0 %	Auto	○
Zone 15	400 F	81 F	0.0 %	Auto	○
Zone 16	400 F	80 F	0.0 %	Auto	○
Zone 17	400 F	80 F	0.0 %	Auto	○
Zone 18	400 F	79 F	0.0 %	Auto	○
Zone 19	400 F	79 F	0.0 %	Auto	○
Zone 20	400 F	80 F	0.0 %	Auto	○
Zone 21	400 F	80 F	0.0 %	Auto	○
Zone 22	400 F	80 F	0.0 %	Auto	○
Zone 23	400 F	79 F	0.0 %	Auto	○
Zone 24	400 F	80 F	0.0 %	Auto	○

All Zones in this Group

Allow Changes **3**

Zone Off Zone On In Alarm

All Tips Man/Sprue

Enter Temperature Setpoint

Zone 1

Upper Limit 750

Entry Was 400

Lower Limit 0

Send SP to the 'All' Group

Send SP to the 'Tips' Group

Send SP to the 'Man/Sprue' Group

Send SP to Zone 1

Cancel

1 (רסמ רוחבל) "Select Screen" ידכ קזחהו ץחל

2 (רסמ EZ) "EZ Screen" רחב

3 (םייוניש רשפא) "Allow Changes" הביתה תא נמס

4 (לוענ) "Locked", (גצ) "Monitor", (ינדוי) "Manual", (יטמוטוא) "Auto" בוביס

5 הצובק יפל וא רוזא יפל לחה, "Setpoint" ץחל

6 הצובק יפל וא רוזא יפל (יובכ) "Off" וא (ליעפ) "On" עבק

The screenshot shows the EZ Screen interface for Mold 4582B. At the top, there are buttons for 'EZ Screen', 'Cavity Map Pro', and 'Alarm'. The temperature is set to 400°F. Below this, there are control buttons for 'Off', 'On', 'Standby', and 'Boost'. The main area is divided into three sections: 'Active Zone Alarms' (a table with columns for Alarm Action, Zone, and Time), 'System Alarms and Status' (a table with columns for Priority, Time, Status, and Description), and 'Status of 'OK to Run'' (a table with columns for Zone and Fault). On the right side, there are buttons for 'Clear Zone Alarm History', 'Select Alarm Display' (with checkboxes for 'Active Zone Alarms' and 'Zone Alarm History'), 'Alarm History', 'Clear System Alarm History', 'Reset Critical Overtemp Alarm', and 'Configure Zone Alarms'.



### Alarm Tutor

**Zone Alarms:**

- Deviation Low Alarm.** The temperature of the zone is below the deviation band.
- Deviation High Alarm.** The temperature of the zone exceeds the deviation band.
- Thermocouple Open Alarm.** The T/C connection is broken.
- Thermocouple Reversed Alarm.** The T/C connection is wired + to - at some point.
- Thermocouple Short Alarm.** The T/C is pinched or the controller thinks that it is pinched. (>98% output must see 20F (11C) rise in 5 minutes)
- Resistance Monitor Alarm.** The resistance of the heater has deviated by more than 40% from the Baseline resistance
- Watt Alarm.** The output for the zone has exceeded the limits that have been entered.
- Open Fuse Alarm.** Fuse on module bad.
- Heater Short Alarm.** The heater is shorted or exceeds the maximum rating of the module.
- Heater Open Alarm.** The heater connection is broken.
- Uncontrolled Output Alarm.** The module has an unregulated output.
- Ground Fault.**

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**System Alarms:**

- Critical Overtemp Alarm.** The temperature for a zone has exceeded the alarm limit.
- Material Protection Alarm.** The machine has stopped cycling and the controller has gone to Standby.

**Legend:**

- Denotes that the alarm is active at this time.
- Denotes that the alarm turned on when indicated but is not active at this time.

**Done**